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AUTHOR Terner, Janet
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ABSTRACT

This document provides references to a variety of published biographical information on men and women of science. Both historical and contemporary scientists are covered, with emphasis on American scientists. Sources were selected on the basis of general availability through major public and institutional library systems. Sections include: (1) general works; (2) bibliographies and indexes; (3) selected national sources; (4) subject sources, arranged by broad disciplines; and (5) pertinent abstracting and indexing services. (Author/TM)

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BIOGRAPHICAL SOURCES IN THE SCIENCES

Compiled by Janet Turner

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February 1978

SCOPE: This guide offers a systematic approach to the wide variety of published biographical information on men and women of science. Both historical and contemporary scientists are covered, with emphasis on American scientists. Sources were selected on the basis of general availability through major public and institutional library systems. Departing from the usual Tracer Bullet format, this guide is arranged by (1) general works, (2) bibliographies and indexes, (3) selected national sources, (4) subject sources, arranged by broad disciplines, and (5) pertinent abstracting and indexing services.

INTRODUCTORY MATERIAL

Cheney, Frances Neel. Sources of biographical information. In Fundamental reference sources. Chicago, American Library Association, 1971. p. 75-97. Z1035.1.C5*

Ferguson, Eugene S. Biography. In Bibliography of the history of technology. Cambridge, Mass., MIT Press, 1968. p. 73-89. Z7914.H5F4*

Grogan, Denis. Biographical sources. In Science and technology: an introduction to the literature. 3d rev. ed. Hamden, Ct., Linnet Books, 1976. p. 329-336. Q225.5.G76 1976*

SUBJECT HEADINGS, used by the Library of Congress, under which books can be located in most card and book catalogs, include the following:

SCIENTISTS--BIOGRAPHY (Highly relevant)
SCIENTISTS--BIOGRAPHY--DICTIONARIES (Highly relevant)
SCIENTISTS--BIOGRAPHY--DIRECTORIES (Highly relevant)
SCIENTISTS--BIOGRAPHY--INDEXES (Highly relevant)
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SCIENTISTS, British, French, German, etc. (Highly relevant)
SCIENTISTS, Catholic, Jewish, Muslim, etc. (Relevant)
See also occupational subject headings such as: Anatomists,
Astronomers, Biochemists, Biologists, Botanists, Chemists,
Earth Scientists, Ecologists, Engineers, Entomologists,
Geologists, Inventors, Mathematicians, Meteorologists,
Microbiologists, Mineralogists, Naturalists, Oceanog-
raphers, Ornithologists, Paleontologists, Physicians,
Physicists, Psychiatrists, Psychologists, Technologists,
Veterinarians, Zoologists.
BIOGRAPHY (Very general)
OBITUARIES (Relevant)

GENERAL WORKS--COMPREHENSIVE

- Arago, Dominique François Jean. Biographies of distinguished
scientific men. Freeport, N.Y., Books for Libraries Press,
1972, 1859. 2 v. Q141.A65 1972
- Asimov, Isaac. Asimov's biographical encyclopedia of science and
technology; the lives and achievements of 1195 great scientists
from ancient times to the present, chronologically arranged.
New rev. ed. Garden City, N.Y., Doubleday, 1972. 805 p.
Q141.A74 1972*
- Dictionary of scientific biography. Charles Coulton Gillespie,
editor-in-chief. New York, Scribner, 1970-1976. 14 v.
Q141.D5*
- Howard, Arthur V. Chambers' dictionary of scientists. London,
W. & R. Chambers, 1951; New York, Dutton, 1966. 500 cols.
Q141.H69 1951*
- Institute for Scientific Information. ISI's who is publishing in
science. Philadelphia, 1971- Q145.I56*
Continues International directory of research and develop-
ment sciences, 1965-1970. Q145.I56
- McGraw-Hill modern men of science. New York, McGraw-Hill,
1966-1968. 2 v. Q141.M15*
- Poggendorff, Johann Christian. Biographisch-literarisches
Handwörterbuch der exakten Naturwissenschaften. Berlin,
Akademie Verlag, etc., 1863- 7 v. Z7404.P74*
v. 1-2, to 1857 v. 5, 1904-1922
v. 3, 1858-1883 v. 6, 1923-1931
v. 4, 1883-1904 v. 7, 1932-1953
- Turkevich, John. Prominent scientists of continental Europe.
New York, American Elsevier, 1968. 204 p. Q141.T82*

- Who's who in science in Europe; a reference guide to European scientists. 2d ed. Guernsey, B.I., Francis Hodgson, 1967-1972. 4 v. Q145.W52*
- Williams, Trevor Illtyd. A biographical dictionary of scientists. 2d ed. New York, Wiley, 1974. 641 p. Q141.W62 1974*
- World who's who in science: a biographical dictionary of notable scientists from antiquity to the present. Editor: Allen G. Debus. Chicago, Marquis-Who's Who, 1968. 1855 p. Q141.W7*
- Zahm, John Augustine. Woman in science: with an introductory chapter on woman's long struggle for things of the mind, by H. J. Mozans i.e., J. A. Zahm. Cambridge, Mass., MIT Press, 1974, c1913. 452 p. Q147.Z26 1974*

GENERAL WORKS--LIMITED

- Bolton, Sarah (Knowles). Famous men of science. 4th ed. New York, Crowell, 1961, c1960. 326 p. Q141.B7 1961
Contents: Copernicus, Galileo, Newton, Linnaeus, William Herschel, Faraday, Agassiz, Darwin, Pasteur, Lord Kelvin, Edison, The Curies, Marconi, Burbank, Reed, The Comptons, Fleming, Einstein, Urey.
- Bridges, Thomas Charles, and H. Hessel Tiltman. Master minds of modern science. Freeport, N.Y., Books for Libraries Press, 1969, 1931. 278 p. Q141.B83 1969
- Crowther, James Gerald. Men of science: Humphrey Davy, Michael Faraday, Prescott Joule, William Thomson, James Clerk Maxwell. New York, W. W. Norton & Company, 1936. 332 p. Q141.C7 1936
- Defries, Amelia Dorothy. Pioneers of science; seven pictures of struggle and victory. Freeport, N.Y., Books for Libraries Press, 1970, 1928. 189 p. Q141.D37 1970
Contents: Jagadis Bose, Patrick Geddes, Victor Branford, Nicholas Roerich, Francis Bacon, Humphrey Davy, Michael Faraday.
- Halacy, Daniel Stephen. They gave their name to science. New York, Putnam, 1967. 159 p. Q141.H22
Contents: Ernst Mach, Gregor Mendel, Christian Johann Doppler, Gustave Gaspard de Coriolis, Hans Geiger, Nicholas Sadi Carnot, Andrija Mohorovicic, James Van Allen, Rudolf Mossbauer, Alfred Nobel.
- Jews in the world of science; a biographical dictionary of Jews eminent in the natural and social sciences. Edited by Harry Cohen and Itzhak J. Carmin. New York, Monde Publishers, 1956. 246 p. Q128.C65

Jones, Bessie Judith (Zaban), ed. The golden age of science; thirty portraits of the giants of 19th-century science, by their scientific contemporaries. New York, Simon and Schuster, in cooperation with the Smithsonian Institution, c1966. 659 p. Q141.J68*

Late seventeenth century scientists. Editor: Donald Hutchings. Oxford, New York, Pergamon Press, 1969. 183 p. Q141.L37 1969
Contents: Robert Boyle, Marcello Malpighi, Christopher Wren, Christiaan Huygens, Robert Hooke, Isaac Newton.

Lenard, Philipp Eduard Anton. Great men of science; a history of scientific progress. Freeport, N.Y., Books for Libraries Press, 1970, 1933. 389 p. Q141.L62 1970

Levitan, Tina Nellie. The laureates: Jewish winners of the Nobel prize. New York, Twayne Publishers, 1960. 236 p. Q141.L65

Mid-nineteenth century scientists. Edited by John North. Oxford, New York, Pergamon Press, 1969. 190 p. Q141.M43 1969
Contents: Charles Babbage, Charles Darwin, James Prescott Joule, Hugh Powell, James Smith, Andrew Ross, Joseph Lister, W. H. Perkin.

Murray, Robert Henry. Science and scientists in the nineteenth century. London, The Sheldon Press; New York, The Macmillan Co., 1925. 450 p. Q141.M8

Olby, Robert Cecil. Early nineteenth century European scientists. Oxford, New York, Pergamon, 1967. 179 p. Q141.O38 1967
Contents: Humphrey Davy, Jons Jacob Berzelius, Thomas Young, Louis Jacques Mande Daguerre, William Henry Fox Talbot, Charles Lyell, Adolphe Quetelet.

----- Late eighteenth century European scientists. Oxford, New York, Pergamon, 1966. 209 p. Q141.O4 1966

Scientific American. Lives in science. New York, Simon and Schuster, 1957. 274 p. Q141.S37

Walsh, James Joseph. Catholic churchmen in science: sketches of the lives of Catholic ecclesiastics who were among the great founders in science. Freeport, N.Y., Books for Libraries Press, 1966, 1917. 221 p. Q141.W24 1966
Contents: Roger Bacon, Cardinal Nicholas of Cusa, Abbe Spallanzani, Abbe Breuil, Rev. Hugo Obermaier.

Wilson, Grove. The human side of science. Freeport, N.Y., Books for Libraries Press, 1972, 1929. 397 p. Q141.W65 1972

BIBLIOGRAPHIES AND INDEXES

- Barr, Ernest Scott. An index to biographical fragments in unspecialized scientific journals. University, Ala., University of Alabama Press, 1973. 294 p. Q141.B29*
- Biographical dictionaries master index. Dennis La Beau, Gary C. Tarbert, editors. Detroit, Gale Research Co., 1975-1976. 3 v. Z5305.U5B56*
- Chicorel, Marietta. Chicorel index to biographies. New York, Chicorel Library Pub. Corp., 1974. 2 v. Z5301.C54
- Ireland, Norma Olin. Index to scientists of the world, from ancient to modern times; biographies and portraits. Boston, F. W. Faxon Co., 1962. 662 p. Z7404.I7*
- ISIS cumulative bibliography; a bibliography of the history of science formed from ISIS critical bibliographies 1-90, 1913-1965. London, Mansell, in conjunction with the History of Science Society, 1971. 3 v. Z7405.H612*
- The National union catalog of manuscript collections. Washington, Library of Congress, 1959- Z6620.U5N3*
- The New York times obituaries index, 1858-1968. New York, New York Times, 1970. 1136 p. CT213.N47
- Royal Commonwealth Society. Library. Biography catalogue of the Royal Commonwealth Society. By Donald H. Simpson. London, Royal Commonwealth Society, 1961. 511 p. Z5301.R6
- Slocum, Robert B. Biographical dictionaries and related works: an international bibliography of collective biographies. Detroit, Gale Research Co., 1967. 1056 p. Z5301.S55*
--1st Supplement, 1972. 852 p. Z5301.S55 Suppl.*
- Swisher, Robert, Carol Tullis, and Richard Hicks. Black American biography, and Black American scientists, and Black Americans in public affairs. Bloomington, Indiana University Press, 1969. 52 p. Z1361.N39S93
- United States. Library of Congress. General Reference and Bibliography Division. Biographical sources for the United States. Compiled by Jane Kline. Boston, Gregg Press, 1972, 1961. 58 p. Z5301.U53 1972

NATIONAL SOURCES--UNITED STATES

- American Black scientists and inventors. Edward S. Jenkins ...
(et al.) Washington, National Science Teachers Association,
1975. 79 p. Q141.A46
- Contents: Ernest E. Just, Garrett Augustus Morgan, George
Washington Carver, Benjamin Banneker, Percy L. Julian,
Granville T. Woods, Charles Richard Drew, Charles Henry
Turner, Matthew A. Henson, Leon Roddy, Elijah McCoy, Daniel
Hale Williams.
- American men and women of science. 13th ed. New York, Bowker,
1976. 7 v. Q141.A47 1976*
- Continues American men of science, 1906-
- American men and women of science: physics, astronomy, mathemat-
ics, statistics and computer science 1977. Edited by Jacques
Cattell Press. New York, Bowker, 1977. 1294 p. Q141.A467*
- American men and women of science: urban community sciences 1974.
Edited by Jacques Cattell Press. New York, Bowker, 1974.
379 p. H57.A52 1974*
- Biographical directory of the AAAS, 1848-60. In Sally G.
Kohlstedt, The formation of the American scientific community:
the American Association for the Advancement of Science,
1848-60. Urbana, Ill., University of Illinois Press, 1976.
264 p. Q11.A55K63*
- See especially--Appendix (37 p.)
- Carwell, Hattie. Blacks in science: astrophysicist to zoologist.
Hicksville, N.Y., Exposition Press, c1977. 95 p. Q141.C23
- Crowther, James Gerald. Famous American men of science. Free-
port, N.Y., Books for Libraries Press, 1969, 1937. 414 p.
Q127.U6C774
- Contents: Benjamin Franklin, Joseph Henry, Josiah Willard
Gibbs, Thomas Alva Edison.
- Haber, Louis. Black pioneers of science and invention. New York,
Harcourt, Brace & World, 1970. 181 p. Q141.H2
- Harris, Jonathan. Scientists in the shaping of America. Menlo
Park, Calif., Addison-Wesley Pub. Co., 1971. 142 p. Q141.H293
- Contents: Cotton Mather, Benjamin Franklin, Louis Agassiz,
George Washington Carver, Robert Oppenheimer.
- Fortune. Great American scientists; America's rise to the fore-
front of world science. Englewood Cliffs, N.J., Prentice-Hall,
1961. 144 p. Q127.U6F6

- Jaffe, Bernard. Men of science in America; the story of American science told through the lives and achievements of twenty outstanding men from earliest colonial times to the present day. Rev. ed. New York, Simon and Schuster, 1958. 715 p.
Q127.U6J27 1958*
- Jordan, David Starr. Leading American men of science. New York, H. Holt and Company, 1910. 471 p. Q141.J7
Contents: Benjamin Thompson, Alexander Wilson, John James Audubon, Benjamin Silliman, Joseph Henry, Louis Agassiz, Jeffries Wyman, Asa Gray, James Dwight Dana, Spencer Fullerton Baird, Othniel Charles Marsh, Edward Drinker Cope, Josiah Willard Gibbs, Simon Newcomb, George Brown Goode, Henry Augustus Rowland, William Keith Brooks.
- Klein, Aaron E. The hidden contributors: Black scientists and inventors in America. Garden City, N.Y., Doubleday, 1971. 203 p. E185.8.K56
- Leaders in American science. 85h ed. Hattiesburg, Miss., Who's Who in American Education, Inc., 1968-1969. 681 p. Q141.L43*
- National Academy of Sciences. Biographical memoirs. New York, Columbia University Press, 1877- Q141.N2*
- Special Libraries Association. Science-Technology Division. Handbook of scientific and technical awards in the United States and Canada, 1905-1952. New York, Special Libraries Association, 1956. 491 p. Q141.S63*
- Who was who in American history--science and technology. Chicago, Marquis Who's Who, c1976. 688 p. Q149.U5W5*
- Who's who in consulting: a reference guide to professional personnel engaged in consultation for business, industry and government. 2d ed. Detroit, Gale Research Co., 1973. 1011 p. HD69.C6W52*
- Yost, Edna. American women of science. Rev. ed. Philadelphia, Lippincott, 1955. 232 p. Q130.Y6 1955
Contents: Hazel K. Stiebeling, Lillian M. Gillbreth, Katherine B. Blodgett, Wanda K. Farr, Alice Hamilton, Annie Jump Cannon, Mary E. Pennington, Libbie H. Hyman, Margaret Mead, Florence Rena Sabin, Ellen H. Richards.
- Modern Americans in science and technology. New York, Dodd, Mead, 1962. 175 p. Q141.Y64
Includes: Ezra Cornell, John Francis Appleby, Stephen Smith, Samuel F. Langley, John Brashear, Ambrose Swasey, William Crawford Gorgas, Harvey Washington Wiley, Elmer A. Sperry, George Washington Carver, Leo Hendrick Baekeland, Willis H.

Carrier, Charles F. Kettering, Frederick G. Cottrell, Robert R. Williams, Vladimir K. Zworykin, Emil Truog.

Young, Herman A., and Barbara H. Young. Scientists in the Black perspective. Louisville, Lincoln Foundation, 1974. 185 p.
Q147.Y68

Zuckerman, Harriet. Scientific elite: Nobel laureates in the United States. New York, Free Press, c1977. 335 p.
Q149.U528

NATIONAL SOURCES--OTHER COUNTRIES (SELECTED)

Académie des sciences, Paris. Index biographique des membres et correspondants de l'Académie des sciences du décembre 1966 au 15 novembre 1954. 2d ed. Paris, Gauthier-Villars, 1954.
534 p. Q46.A163 1954

Akademie der Wissenschaften, Vienna. Österreichische Naturforscher, Ärzte und Techniker. Wien, Gesellschaft für Natur und Technik, 1951. 216 p. Q141.A4
Includes 91 biographical sketches.

Alphandery, M.-F. Dictionnaire des inventeurs français. Paris, Collections Seghers, 1962. 371 p. T39.A53
Short biographies of 750 French inventors.

Capparoni, Pietro. Profili bio-bibliografici di medici e naturalisti celebri italiani dal secolo 15° al secolo 18°. Rome, Istituto Nazionale Medico Farmacologico "Seroni," 1932, 1928. 2 v. Q141.C15

Deutsche Forscher aus sechs Jahrhunderten; Lebensbilder von Ärzten, Naturwissenschaftlern und Technikern. Leipzig, Bibliographisches Institut, 1965. 440 p. Q141.D45

France. Délégation générale à la recherche scientifique et technique. Répertoire des scientifiques français. Paris, Office national des universités et écoles françaises, 1962-67. 5 v. Q145.F7

Fuerter, Edouard. Pionniers Suisses de la science. 2d rev. ed. Zurich, Atlantis Verlag, 1941. 340 p. Q141.F8 1941
Includes biographies of approximately 150 scientists.

Gerrits, G. C. Grote Nederlanders: bij der natuurwetenschappen. Leiden, E. J. Brill, 1948. 518 p. Q141.G48
Biographies of 158 Dutch scientists.

Hall, Alfred Rupert. The Abbey scientists. London, R. & R. Nicholson, 1966. 72 p. Q141.H23

- Men of science and technology in India. New Delhi, Premier Publishers, 1964- Q145.M4
- New Zealand Association of Scientists. Directory of New Zealand science. 5th ed. Edited by K. J. Aldous. Wellington, New Zealand Association of Scientists, 1975. 205 p. Q145.N4 1975
- Pakistan Association of Scientists and Scientific Professions. Scientists and technologists of Pakistan; a directory. Karachi, Times Press, 1966. 367 p. Q145.P25
- Parry, Albert. The Russian scientist. New York, Macmillan, 1973. 196 p. Q141.P37*
Bibliography: p. 183-186.
- Prakash, Satya. Founders of sciences in ancient India. New Delhi, Research Institute of Ancient Scientific Studies, 1965. 685 p. Q127.I4P7*
- Royal Society of London. Biographical memoirs of fellows. London, 1955- Q41.L8476
Supersedes the society's Obituary notices of fellows, 1932-1954.
- Scholta, Karl, comp. Deutsche Wissenschaftler und Forscher im niederländischen Raum seit 1600... Soest (Holland) "Der Meilenstein" Verlag, 1943. 2 v. Q141.S32
- Scientists in nineteenth century Australia: a documentary history. Edited by Ann Mozley Moyal. Melbourne, Cassell Australia, 1976. 280 p. Q127.A8S26
- Scientists in the Philippines. Manila, National Science Development Board, 1975. 252 p. Q141.S3715
- Sikka, Pawan Kumar. Through difficulties toward stars: an account of the life and work of Nobel Laureate Soviet scientists. Delhi, India, Young Man & Co., 1973. 71 p. Q141.S499
Includes: Ivan Pavlov, Ilya Mechnikov, Nikolai Semyonov, Pavel Cherenkov, Igor Tamm, Ilya Frank, Lev Landau, Alexander Prokhorov, Nikolai Basov.
- Some nineteenth century British scientists. Edited by R. Harre. Oxford, New York, Pergamon, 1969. 259 p. Q141.S567 1969
Includes: Charles Wyville Thomson, James Murray, Arthur Cayley, Francis Galton, William Thomson, Norman Lockyer, Sidney Gilchrist Thomas, William Ramsey.
- Swedish men of science, 1650-1950. Edited by Sten Lindroth. Translated from the Swedish by Burnett Anderson. Stockholm, Swedish Institute, 1952. 295 p. Q127.S85L5

- Turkevich, John. Soviet men of science: academicians and corresponding members of the Academy of Sciences of the USSR. Westport, Ct., Greenwood Press, 1975, c1963. 441 p. Q141.T83 1975*
- United States. Joint Publications Research Service. Biographical sketches of Soviet scientific personalities. New York, 1960. 387 p. (JPRS 2893) AS36.U57, no. 2893
- Who's who in Soviet science and technology. Compiled by Ina Telberg. 2d ed., enl. and rev. New York, Telberg Book Co., 1964. 301 p. Q127.R9W5 1964*
- Who's who of British scientists, 1971/72. Athens, Ohio, Ohio University Press, 1971. 1022 p. Q145.D52*
Supersedes Directory of British scientists.

SUBJECT SOURCES

Aeronautics and Astronautics

- Adams, Jean, Margaret Kimball, and Jeanette Eaton. Heroines of the sky. Freeport, N.Y., Books for Libraries Press, 1970, c1942. 295 p. TL539.A3 1970
- Holland, Maurice, and Thomas Motley Smith. Architects of aviation. Freeport, N.Y., Books for Libraries Press, 1971, c1951. 124 p. TL539.H57 1971
- Pioneers of aviation: a photo-biography: historical data and reproductions. Inglewood, Calif., Northrup University Press, c1976. 204 p. TL539.P56
- Peters, Raymond Eugene, and Clinton M. Arnold. Black Americans in aviation. San Diego, Calif., Neyensch Printers, c1975. 85 p. TL553.P47
- Riverain, Jean. Dictionnaire des aéronautes célèbres. Paris, Larousse, 1970. 159 p. TL539.R56
- Stoiko, Michael. Pioneers of rocketry. New York, Hawthorn Books, 1974. 129 p. TL781.85.A1S76 1974
- Thomas, Shirley. Men of space: profiles of the leaders in space research, development, and exploration. Philadelphia, Chilton Co., Book Division, 1960-1968. 8 v. TL789.85.A1T48*
- United States. Library of Congress. Science Policy Research Division. Astronauts and cosmonauts biographical and statistical data: a report prepared for the Committee on Science and

Technology, U.S. House of Representatives, Ninety-fourth Congress, first session. Prepared by Vikki A. Zegel and Marcia S. Smith. Washington, U.S. Govt. Print. Off., 1975. 179 p.
TL789.85.A1U52 1975*

United States. National Aeronautics and Space Administration.
Space scientists and engineers: selected biographical and
bibliographical listing, 1957-1961. Prepared by the Science
and Technology Division, Library of Congress. Washington,
U.S. Govt. Print. Off., 1962. 332 p. (Its NASA SP-5)
TL52.A333 no. 5

Who's who in aviation. New York, Harwood & Charles Publishing
Co., 1973. 311 p. TL539.W54 1973*

Who's who in space. Washington, Space Publications, 1966/67-
TL789.85.A1W5*

Who's who in world aviation and astronautics. 2d ed. Washington,
American Aviation Publications, 1958. 497 p. TL539.W58

Agriculture

American men and women of science: agricultural, animal and
veterinary sciences. New York, Bowker, 1974. 832 p.
S415.A74 1974*

Cannon, Grant G. Great men of modern agriculture. New York,
Macmillan, c1963. 256 p. S415.C3

Clepper, Henry Edward, comp. Leaders of American conservation.
New York, Ronald Press Co., 1971. 353 p. S962.A2C54

Dies, Edward Jerome. Titans of the soil: great builders of agri-
culture. Westport, Ct., Greenwood Press, 1976, c1949.
213 p. S415.D5 1976

Includes: George Washington, Thomas Jefferson, Elkanah
Watson, Eli Whitney, Henry L. Ellsworth, Edmund Ruffin, John
Deere, Cyrus Hall McCormick, Justin S. Morrill, Samuel W.
Johnson, Wilbur Olin Atwater, Seaman A. Knapp, Stephen Moulton
Babcock, Theobald Smith, Mark A. Carleton, Harvey W. Wiley,
George Shull.

Franz, Günther, and Heinz Haushofer. Grosse Landwirte. Frankfurt
(Main), DLG-Verlag, c1970. 435 p. S415.F7

Hutchinson, Martin T. Roster of scientists for the major food
crops of the world. Washington, Office of Agriculture, Agency
for International Development, 1973. 187 p. S415.H87*

United States. Congress. House. Committee on Agriculture. Men and
milestones in American agriculture. Eighty-ninth Congress,

second session. Washington, U.S. Govt. Print. Off., 1966.
59 p. S415.U53

Astronomy

Ball, Sir Robert Stawell. Great astronomers. Plainview, N.Y.,
Books for Libraries Press, 1974, 1895. 372 p. QB35.B18 1974
Includes: Ptolemy, Copernicus, Brahe, Galileo, Kepler,
Newton, Flamsteed, Halley, Bradley, Wm. Herschel, Laplace,
Brinkley, John Herschel, The Earl of Rosse, Airy, Hamilton,
Le Verrier, Adams.

Crowther, James Gerald. Six great astronomers: Brahe, Kepler,
Halley, Herschel, Russell, Eddington. London, Hamilton, 1961.
191 p. QB35.C75

Dunkin, Edwin. Obituary notices of astronomers, fellows and
associates of the Royal Astronomical Society. London and
Edinburgh, Williams & Norgate, 1879. 257 p. QB35.D9

Evershed, Mary A. Who's who in the moon. Notes on the names of
all lunar formations adopted in 1935 by the International
Astronomical Union. In British Astronomical Association.
Memoirs, v. 34, pt. 1, 1938: 3-130. QB1.B8

Land, Barbara. The telescope makers; from Galileo to the space
age. New York, Crowell, c1968. 239 p. QB88.L3

Lodge, Sir Oliver Joseph. Pioneers of science, and the develop-
ment of their scientific theories. New York, Dover Publica-
tions, 1960, 1926. 404 p. QB35.L82 1960

Macpherson, Hector Copland. Biographical dictionary of astronom-
ers. Edinburgh, 1940. 82 p. QB35.M18

Ronan, Colin A. The astronomers. London, Evans Bros., 1964.
232 p. QB15.R62 1964b

----- Astronomers royal. Garden City, N.Y., Doubleday, 1969.
224 p. QB33.G7R6 1969

Silverberg, Robert. Four men who changed the universe. New York,
Putnam, 1968. 255 p. QB28.S5

Williams, Henry Smith. The great astronomers. New York, Simon
and Schuster, 1930. 618 p. QB35.W5

Biological Sciences

Adams, Alexander B. Eternal quest: the story of the great
naturalists. New York, Putnam, 1969. 509 p. QH26.A3

- American men and women of science: biology 1977. Edited by
Jacques Cattell Press. New York, Bowker, 1977. 1485 p.
QH26.A45*
- The Auk. Biographies of members of the American Ornithologists
Union. By T. S. Palmer and others. Reprinted from "The Auk,"
1884-1954. Edited by Paul H. Oehser. Washington, 1954.
630 p. QL671.A476*
- Barnhart, John Hendley. Biographical notes upon botanists.
Compiled by John H. Barnhart and maintained in the New York
Botanical Garden Library. Boston, G. K. Hall, 1965. 3 v.
QK26.B38*
- Berger, Melvin. Famous men of modern biology. New York, Crowell,
1968. 224 p. QH26.B4
Contents: Louis Pasteur, Robert Koch, Paul Ehrlich,
Frederick Grant Banting, Alexander Fleming, Charles Darwin,
Gregor Johann Mendel, Thomas Hunt Morgan, Hermann J. Muller,
Wendell M. Stanley, Jonas E. Salk, Melvin Calvin, Francis H.
C. Crick, James Dewey Watson.
- Biographical notices of some early workers in bacteriology. In
William Bulloch. The History of bacteriology. London, Oxford
University Press, 1938. p. 349-406. QR21.B8*
- Biographien bedeutender Biologen: eine Sammlung von Biographien.
Edited by Werner Plesse and Dieter Rux. Berlin, Volk und
Wissen, 1977. 384 p. QH26.B56
- Boylan, John W., comp. Founders of experimental physiology:
biographies and translations: to the members of the XXV
International Congress of Physiological Sciences. Munich,
J. F. Lehmanns Verlag, c1971. 299 p. QP6.B65
- Clodd, Edward. Pioneers of evolution from Thales to Huxley; with
an intermediate chapter on the causes of the arrest of the
movement. Freeport, N.Y., Books for Libraries Press, 1972,
1897. QH361.C58 1972
- Coates, Ruth Allison. Great American naturalists. Minneapolis,
Lerner Publications Co., 1974. 103 p. QH26.C6
Brief biographies of fourteen men and women.
- Cox, Donald William. Pioneers of ecology. Maplewood, N.J.,
Hammond, 1971. 93 p. QH26.C68
- Desmond, Ray. Dictionary of British and Irish botanists and
horticulturists including plant collectors and botanical
artists. London, Taylor & Francis; Totowa, N.J., distributed
by Roman & Littlefield, 1977. 747 p. QK26.D47 1977
Based on J. Britten and G. S. Boulger's A biographical
index of British and Irish botanists.

- Discovery process in modern biology: people and processes in biological discovery. Edited by W. R. Klemm. Huntington, N.Y., R. E. Krieger Pub. Co., 1977. 338 p. QH26.D5
- Elman, Robert. First in the field: America's pioneering naturalists. New York, Mason/Charter, 1977. 231 p. QH26.E44
- Ewan, Joseph Andorfer. Rocky Mountain naturalists. Denver, University of Denver Press, 1950. 358 p. QH26.E8
Contents: Edwin James, John Charles Fremont, Charles Christopher Parry, Edward Lee Greene, Thomas Conrad Porter, Harry Norton Patterson, Marcus Eugene Jones, Eugene Penard, Theodore Dru Alison Cockerell.
- Geiser, Samuel Wood. Naturalists of the frontier. 2d ed., rev. and enl. Dallas, University Press, Southern Methodist University, 1948. 296 p. QH26.G42 1948
Contents include: Jacob Boll, Jean Louis Berlandier, Thomas Drummond, Audubon, Louis Cachand Ervendberg, Frederick Jakob Lindheimer, Ferdinand Roemer, Charles Wright, Gideon Lincecum, Julien Reverchon, Gustaf Wilhelm Belfrage.
- Hawks, Ellison. Pioneers of plant study. Freeport, N.Y., Books for Libraries Press, 1969, 1928. 288 p. QK26.H35 1969
- Healy, B. J. The plant hunters. New York, Scribner, 1975. 214 p. QK26.H37
- Hirsch, Gottwalt Christian. Index biologorum; investigadores, laboratoria, periodica. Berlin, J. Springer, 1928. 545 p. QH26.H5
- Humphrey, Harry Baker. Makers of North American botany. New York, Ronald Press Co., 1961. 265 p. (Chronica botanica, no. 21) QK1.C55 no. 21
- Hunt Institute for Botanical Documentation. Biographical dictionary of botanists represented in the Hunt Institute portrait collection. Boston, G. K. Hall, 1972. 451 p. QK26.H83*
- Institute of Ecology. Directory of environmental life scientists. Prepared by Institute of Ecology for the U.S. Army Corps of Engineers. Washington, U.S. Govt. Print. Off., 1974. 9 v. QH35.I48 1974
- Kastner, Joseph. A species of eternity. New York, Knopf, 1977. 350 p. QH26.K38 1977
- Kelly, Howard Atwood. Some American medical botanists commemorated in our botanical nomenclature. Portland, Me., Longwood Press, 1977, 1913? 215 p. QK26.K4 1977

- Mallis, Arnold. American entomologists. New Brunswick, N.J., Rutgers University Press, 1971. 549 p. QL26.M24 1971*
- Miall, Louis Compton. The early naturalists: their lives and their work (1530-1789). New York, Hafner Pub. Co., 1969, 1912. 396 p. QH26.M5 1969
- The naturalists' directory: international. 42d ed. South Orange, N.J., PLC Pub., Inc., 1975. 259 p. Q145.S4 1975*
- Peattie, D. C. Green laurels: the lives and achievements of the great naturalists. New York, Simon and Schuster, 1936. 368 p. QH28.P4 1936
- Pioneers in neuroendocrinology. Edited by Joseph Meites, Bernard T. Donovan, and Samuel M. McCann. New York, Plenum Press, 1975. 327 p. QP336.4.P46
- Raven, Charles Earle. English naturalists from Neckam to Ray; a study of the making of the modern world. Cambridge (Eng.) University Press, 1947. 379 p. QH26.R3
- Thomson, Sir John Arthur. The great biologists. Freeport, N.Y., Books for Libraries Press, 1967, 1932. 176 p. QH26.T5 1967
- Who's who in ecology 1973. New York, Special Reports, Inc., 1973. 291 p. QH35.W47 1973*

Chemistry

- American chemists and chemical engineers. Wyndham D. Miles, editor. Washington, American Chemical Society, 1976. 544 p. QD21.A43*
- American men and women of science: chemistry 1977. Edited by Jacques Cattell Press. New York, Bowker, 1977. 1672 p. QD21.A45*
- Biographien bedeutender Chemiker: eine Sammlung von Biographien, by Karl Heinig. 4th rev. and enl. ed. Berlin, Volk und Wissen, VEB, 1977. 311 p. QD21.B5 1977
- Bugge, Günther. Das Buch der grossen Chemiker; unter Mitwirkung namhafter Gelehrter. Berlin, Verlag Chemie, gmbh., 1929-30. 2 v. QD21.B8
Contents: v. 1, 4th-19th century; v. 2, 19th-20th century.
- Campbell, W. A., and N. N. Greenwood. Contemporary British chemists. London, Taylor & Francis, 1971. 286 p. QD21.C35

Chemical who's who. 4th ed. New York, Lewis Historical Publishing Co., 1956. 1267 p. TP139.W4
Supersedes Who's who in the chemical and drug industry, 1928-

Chemical industry directory and who's who. London, Benn Bros., 1923- TP1.C34*

Farber, Eduard. Great chemists. New York and London, Interscience, Wiley, 1961. 1642 p. QD21.F35*

----- Nobel prize winners in chemistry, 1901-1961. Rev. ed. London, Toronto, New York, Abelard-Schumann, 1963. 341 p. QD21.F37 1963*

Findlay, Alexander, and William Hobson Mills. British chemists. London, Chemical Society, 1947. 431 p. QD21.F5
Contents: William Crookes, James Dewar, Henry Edward Armstrong, Raphael Mendola, Harold Baily Dixon, William Ramsey, William Henry Perkin, Arthur George Perkin, Arthur George Green, Arthur Harden, William Jackson Pope, Gilbert Thomas Morgan, Arthur Lapworth, Jocelyn Field Lowry, and George Barger.

Harrow, Benjamin. Eminent chemists of our time. 2d ed., enl. Freeport, N.Y., Books for Libraries Press, 1968, 1929. 471 p. QD21.H3 1968
Includes: Perkin, Mendeleeff, Ramsey, Richards, van't Hoff, Arrhenius, Moissan, Madame Curie, Victor Meyer, Remsen, Fischer.

Higgins, Thomas James. Book length biographies of chemists. School science and mathematics, v. 44, 1944: 650-655. Q1.S28**

Jaffe, Bernard. Crucibles; the story of chemistry from ancient alchemy to nuclear fission. New rev. and updated 4th ed. New York, Dover Publications, 1976, 1930. 368 p. QD21.J63 1976

Ruben, Samuel. The founders of electrochemistry. Philadelphia, Dorrance, 1975. 107 p. QD21.R82

Smith, Henry Monmouth. Torchbearers of chemistry; portraits and brief biographies of scientists who have contributed to the making of modern chemistry. New York, Academic Press, 1949. 270 p. QD21.S55

Thorpe, Sir Thomas Edward. Essays in historical chemistry. Freeport, N.Y., Books for Libraries Press, 1972, 1894. 381 p. QD21.T52 1972
Includes: Robert Boyle, Joseph Priestley, Carl Wilhelm Scheele, Henry Cavendish, James Watt, Antoine-Laurent

Lavoisier, Michael Faraday, Thomas Graham, Friedrich Wohler,
Jean Baptiste Andre Dumas, Hermann Kopp, Victor Meyer, Dmitri
I. Mendeleeff, Stanislaw Cannizzaro.

World directory of crystallographers and other scientists
employing crystallographic methods. 5th ed. Edited by S. C.
Abrahams and A. L. Bednowitz. Pittsburgh, Polycrystal Book
Service for the International Union of Crystallography, 1977.
220 p. QD903.5.W6 1977*

Engineering

American Society of Civil Engineers. Committee on History and
Heritage of American Civil Engineering. A biographical
dictionary of American civil engineers. New York, 1972.
163 p. TA139.A53

Bell, S. Peter. A biographical index of British engineers in the
19th century. New York, Garland Pub., 1975. 246 p.
TA157.B44

Consulting engineers' who's who & year book: 1976. London,
Northwood Pubs., 1976. 471 p. TA1.C774*

Directory of environmental consultants. St. Louis, Directory
Press, 1972- TD12.D55*

Electrical who's who 1974/75. London, I.P.C. Electrical-Elec-
tronic Press, Ltd., 1974. 367 p. TK12.E388 1974/75*

Engineers Joint Council. Engineers of distinction; a who's who
in engineering. 2d ed. New York, c1973. 401 p.
TA139.E37 1973*

Gille, Bernard. Engineers of the Renaissance. Cambridge, Mass.,
M.I.T. Press, 1966. 245 p. TA18.G54*

Hart, Ivor Blashka. The great engineers. Freeport, N.Y., Books
for Libraries Press, 1967, 1928. 136 p. TA139.H311967

Higgins, Thomas James. A biographical bibliography of electrical
engineers and electrophysicists. Technology and culture, v. 2,
1961: 28-32; 146-165. T1.T27**

----- Book-length biographies of engineers, metallurgists and
industrialists. Bulletin of bibliography, v. 18, 1946:
207-210, 235-239; v. 19, 1947: 10-12. Z1007.B94**

Ho, James K. K. Black engineers in the United States--a direc-
tory. Washington, Howard University Press, 1974. 281 p.
TA12.H6*

- Leipold, L. Edmond. Famous American engineers. Minneapolis, T. S. Denison, 1972. 82 p. TA139.L38
Contents: Goethals, Turner, Davidson, Gilbreth, Roebling, Singstad, Bush, Suman, Mead, Goddard.
- Matschoss, Conrad. Great engineers. Translated by H. Stafford Hatfield. Freeport, N.Y., Books for Libraries Press, 1970, 1939. 381 p. TA139.M3613 1970
- Smiles, Samuel. Lives of the engineers; with an account of their principal works comprising also, a history of inland communication in Britain. New York, A. M. Kelley, 1968. 3 v. TA139.S65 1968
- Who's who in engineering: a biographical directory of the engineering profession. 9th ed. New York, Lewis Historical Publication Co., 1964. 2198 p. TA139.W4 1964*
- Who's who in the electronics industry: a biographical reference guide. New York, SETI Publications Ltd., 1961-1962. 326 p. TA139.W56*
- Who's who of British engineers. 4th ed. Athens, Ohio, Ohio University Press, 1974-1975. 526 p. TA12.W54*

Geology, Mineralogy, Paleontology

- Fenton, Carroll Lane, and Mildred Adams Fenton. The story of the great geologists. Freeport, N.Y., Books for Libraries Press, 1969, c1945. 301 p. QE21.F4 1969
- Geikie, Sir Archibald. The founders of geology. 2d ed. New York, Dover Publications, 1962, 1905. 486 p. QE11.G3 1962
- Geological Society of America. Memorials. Boulder, Colo., 1973- QE21.G46a
- International Mineralogical Association. World directory of mineralogists. Compiled by M. Font-Altaba and Marjorie Hooker. Barcelona, Editorial Jover, 1970. 170 p. QE361.A1I5 1970*
- International Palaeontological Association. Directory of palaeontologists of the world. Compiled by E. Gerry. 3d. ed. n.p., International Paleontological Association, 1976. 305 p. QE707.A2I54 1976
- Wells, John W., and George W. White. Biographies of geologists. Ohio journal of science, v. 58, 1958; 285-298. Q1.03**

Mathematics

- Archibald, Raymond Clare. Mathematical table makers; portraits, paintings, busts, monuments, bio-bibliographical notes. New York, Scripta mathematica, 1948. 82 p. QA28.A7
- Bell, Eric Temple. Men of mathematics. New York, Simon and Schuster, 1937. 592 p. QA28.B4
- Biographien bedeutender Mathematiker; eine Sammlung von Biographien erarb. von eine Autorenkollektiv. Edited by Hans Wussing and Wolfgang Arnold. Berlin, Volk und Wissen, VEB, 1975. 533 p. QA28.B55
- Directory of women mathematicians. New York, American Mathematical Society, 1973/74- QA30.D57*
- Fang, Joong. Mathematicians from antiquity to today. A prelim. ed. Hauppauge, N.Y., Paideia, 1972- QA28.F3*
- Hooper, Alfred. Makers of mathematics. New York, Random House, 1958, c1948. 402 p. QA21.H76 1958
- Morgan, Brian Stanford. Men and discoveries in mathematics. London, J. Murray, 1972. 235 p. QA21.M827
- Muir, Jane. Of men and numbers; the story of the great mathematicians. New York, Dodd, Mead, 1961. 249 p. QA28.M8
- Osen, Lynn M. Women in mathematics. Cambridge, Mass., M.I.T. Press, 1974. 185 p. QA28.083 1974*
Contents: Hypatia, the "witch" of Agnesi, Emilie de Breteuil, Marquise du Chatelet, Caroline Herschel, Sophie Germain, Mary Fairfax Somerville, Sonya Corvin-Krukovsky Kovalovsky, Emmy (Amalie) Noether.
- Taylor, Eva Germaine Rimington. The mathematical practitioners of Hanoverian England, 1714-1840; a sequel to The Mathematical practitioners of Tudor & Stuart England. Cambridge, Eng., published for the Institute of Navigation by Cambridge University Press, 1966. 503 p. QA27.G7T28
Biographical data on more than 2,200 practitioners.
- The mathematical practitioners of Tudor & Stuart England. Cambridge, Eng., published for the Institute of Navigation by Cambridge University Press, 1954. 442 p. QA27.G7T3
- World directory of mathematicians, 1970. Published under the auspices of the International Mathematical Union. Stockholm, Almqvist & Wiksell, 1970. 637 p. QA30.W6*

Medical Sciences

- American men and women of science: medical and health sciences
1977. Edited by Jacques Cattell Press. New York, Bowker,
1977. 1202 p. R153.A54
- American men of medicine. 3d ed. Farmingdale, N.Y., Institute
for Research in Biography, 1961. 768 p. R150.W5*
Formerly Who's important in medicine.
- Bettany, George Thomas. Eminent doctors: their lives and their
work. Freeport, N.Y., Books for Libraries Press, 1972, 1885.
2 v. R489.A1B5 1972
- De Kruif, Paul Henry. Men against death. New York, Harcourt,
Brace and Co., 1933. 363 p. R134.D4 1933
Contents: Semmelweis, Banting, Minot, Spencer, Evans, McCoy,
Schaudinn, Bordet, Wagner-Jauregg, Finsen, Rollier, Strandberg.
- Directory of women physicians in the U.S., 1973. Chicago,
American Medical Association, 1974. 432 p. R712.A1D53*
- Dobson, Jessie. Anatomical eponyms: being a biographical diction-
ary of those anatomists whose names have become incorporated
into anatomical nomenclature, with definitions of the struc-
tures to which their names have been attached, and references
to the works in which they are described. London, Bailliere,
Tindall & Cox, 1946. 240 p. QM16.A2D6
- Haymaker, Webb, and Francis Schiller. The founders of neurology:
one hundred and forty-six biographical sketches by eighty-eight
authors. 2d ed. Springfield, Ill., Thomas, 1970.
616 p. R134.H29 1970
- John E. Fogarty International Center for Advanced Study in the
Health Sciences. Soviet personalities in biomedicine.
Bethesda, Md., U.S. Dept. of Health, Education and Welfare,
Public Health Service, National Institutes of Health, 1974.
968 p. R713.57.J64 1974
- Kelly, Howard A. A cyclopedia of American medical biography,
comprising the lives of eminent deceased physicians and
surgeons from 1610 to 1910. Philadelphia, W. B. Saunders,
1912. 2 v. R153.K3
- Lovejoy, Esther (Clayson) Pohl. Women doctors of the world. New
York, Macmillan, 1957. 413 p. R692.L7
- Martin, Wayne. Medical heroes and heretics. Old Greenwich, Ct.,
Devin-Adair Co., 1977. 242 p. R134.M33

- Mead, Kate Campbell Hurd. A history of women in medicine, from the earliest times to the beginning of the nineteenth century. Boston, Milford House, 1973, 1938. 569 p. R692.M38 1973
- Mechnikov, Ilia Ilich. The founders of modern medicine: Pasteur, Koch, Lister. Freeport, N.Y., Books for Libraries Press, 1971, 1939. 387 p. R134.M42 1971
- Miller, Genevieve. Bibliography of the history of medicine of the United States and Canada, 1939-1960. Baltimore, Johns Hopkins University Press, 1964. 428 p. Z6661.U5M52*
See "Biography": p. 1-126.
- New York Academy of Medicine. Catalog of biographies in the Library of the New York Academy of Medicine. Boston, G. K. Hall, 1960. 165 p. R134.N4*
- Payne, L. M. Material for medical biography. In International Congress of Medical Librarianship. Proceedings. 3d. Amsterdam, Excerpta Medica, 1969. p. 251-257. -Z675.M4I487**
- Plarr, V. G. Plarr's lives of the fellows of the Royal College of Surgeons of England. Rev. by Sir D'Arcy Power. London, Simpkin Marshall, 1930. 2 v. R489.A1P5 1930
Covers period from 1834-1930.
- Power, Sir D'Arcy. Lives of the fellows of the Royal College of Surgeons of England, 1930-1951. London, The College, 1953. 889 p. RA489.A1P63
- Robinson, R. H. O. B., and W. R. LeFanu. Lives of the fellows of the Royal College of Surgeons of England, 1952-1964. Edinburgh and London, Livingston, 1970. 470 p. RA489.A1R6
- Sigerest, Henry Ernest. The great doctors; a biographical history of medicine. New York, Dover Publications, 1971, 1933. 436 p. R134.S4613 1971*
- Sourkes, Theodore L. Nobel Prize winners in medicine and physiology, 1901-1965. New and rev. ed. London, New York, Abelard-Schuman, 1967, c1966. 464 p. R149.S6 1967
- Talbot, Charles H., and E. A. Hammond. The Medical practitioners in medieval England: a biographical register. London, Wellcome Historical Medical Library, 1965. 503 p. R489.A1T3
- Talbott, John Harold. A biographical history of medicine: excerpts and essays on the men and their work. New York, Grune & Stratton, 1970. 1211 p. R134.T35*
- Thacher, James. American medical biography; or, memoirs of eminent physicians who have flourished in America, to which is

- prefixed a succinct history of medical science in the United States from the first settlement of the country. New York, Milford House, 1967, 1828. 2 v. R153.T3 1967
- Thornton, John Leonard. A select bibliography of medical biography. 2d ed. London, Library Association, 1970. 170 p. Z6660.5.T5 1970
- Walker, M. E. M. Pioneers of public health; the story of some benefactors of the human race. Freeport, N.Y., Books for Libraries Press, 1968, 1930. 270 p. R134.W17 1968
- Walsh, James Joseph. Makers of modern medicine. Freeport, N.Y., Books for Libraries Press, 1970, 1907. 362 p. R134.W2 1970
Includes: Morgagni, Auenbrugger, Jenner, Galvani, Laennec, Grave, Stokes, Corrigan, Muller, Schwann, Bernard, Pasteur, O'Dwyer.
- Who's who in chiropractic, international, 1976/78-
Littleton, Colo., Who's Who in Chiropractic, International Pub. Co., 1977. 148 p. RZ231.W46 1976/78
- Who's who in health care. New York, Hanover Publications, Inc., 1977. 764 p. RA424.4.W47 1977
- Williams, Stephen West. American medical biography; or, memoirs of eminent physicians; embracing principally those who have died since the publication of Dr. Thacher's initial work in 1828 on the same subject. New York, Milford House, 1967, 1845. 664 p. R153.W5 1967
- Women in medicine: a bibliography of the literature on women physicians. Compiled by Sandra L. Chaff, Ruth Haimbach, Carol Fenichel, and Nina B. Woodside. Metuchen, N.J., and London, Scarecrow Press, Inc., 1977. 1124 p. Z7963.M43W65 vol. 1*
Includes "Biographies" section: p. 75-384.

Physics

- Appleyard, Rollo. Pioneers of electrical communication. Freeport, N.Y., Books for Libraries Press, 1968, 1930. 347 p. QC514.A6 1968
- Cline, Barbara Lovett. The questioners: physicists and the quantum theory. New York, Crowell, 1965. 274 p. QC15.C4
- Directory: who's who in nuclear energy. Hinsdale, Ill., American Nuclear Society, 1973. 223 p. QC774.2.D56 1973*
- Hart, Ivor Blashka. The great physicists. Freeport, N.Y., Books for Libraries Press, 1970, 1927. 137 p. QC15.H3 1970

Heathcote, Niels Hugh de Vaudrey. Nobel Prize winners in physics, 1901-1950. Freeport, N.Y., Books for Libraries Press, 1971, c1953. 473 p. QC15.H4 1971*

Herneck, Friedrich. Bahnbrecher des Atomzeitalters: grosse Naturforscher von Maxwell bis Heisenberg. 8th ed. Berlin, Buchverlag Der Morgan, 1977. 426 p. QC15.H47 1977

Higgins, Thomas James. Book-length biographies of physicists and astronomers. American journal of physics, v. 12, 1944: 31-39, 234-236. QC1.A47**

International Centre for Theoretical Physics. Directory of theoretical physicists from developing countries. Miramere-Trieste, 1970. 43 p. QC15.I57

Nobelstiftelsen, Stockholm. Nobel lectures including presentation speeches and laureates' biographies: physics. Amsterdam, Elsevier, 1967. 3 v. QC71.N64*
Contents: Vol. 1, 1901-1921; Vol. 2, 1922-1941; Vol. 3, 1942-1962.

Who's who in atoms. 6th ed. Edited by Ann Pernet. Guernsey, Francis Hodgson, 1977. 620 p. QC774.A1W5 1977*

Psychological Sciences

American men and women of science: social and behavioral sciences 1977. Edited by Jacques Cattell Press. New York, Bowker, 1977. 2 v. Q141.A47

American Psychiatric Association. Biographical directory of fellows and members. 7th ed. New York, Jacques Cattell Press, 1977. 1100 p. RC326.A56 1977*

American Psychological Association. Biographical directory. 1973 ed. Washington, D.C., 1973. 1466 p. BF11.A67*

Biographical dictionary of parapsychology. New York, Garrett Publications, Helix Press, 1964/1966- BF1026.B5

National Research Council. Committee on International Directory of Psychologists. International directory of psychologists, exclusive of the U.S.A. Assen, Netherlands, Royal Van Gorcum, 1958. 527 p. BF109.A1N3

Watson, Robert Irving. Eminent contributors to psychology. New York, Springer Pub. Co., 1974-1976. 2 v. Z7201.W37*

Zusne, Leonard. Names in the history of psychology: a biographical sourcebook. Washington, Hemisphere Pub. Corp., 1975. 489 p. BF109.A1Z85*

TECHNOLOGY

- Beaton, Cecil, and Gail Buckland. The magic image: the genius of photography from 1839 to the present day. Boston, Little, Brown and Co., 1975. 304 p. TR139.B4 1975
- Dunlap, Orrin Elmer. Radio's 100 men of science; biographical narratives of pathfinders in electronics and television. Freeport, N.Y., Books for Libraries Press, 1970, c1944. 294 p. TK6545.A1D8 1970
- Electrical who's who. Compiled by Electrical review. London, Iliffe, 1950- TK12.E388
- Hawks, Ellison. Pioneers of wireless. New York, Arno Press, 1974, 1927. 304 p. TK5711.H3 1974
- Hayden, Robert C. Eight Black American inventors. Reading, Mass., Addison-Wesley, 1972. 142 p. E185.8.H35
Contents: Garrett A. Morgan, Lewis Temple, Frederick McKinley Jones, Jan E. Matzeliger, Lewis H. Latimer, Ellijah McCoy, Norbert Rillieux, Granville T. Woods.
- Iles, George. Leading American inventors. Freeport, N.Y., Books for Libraries Press, 1968, 1912. T39.I5 1968
- Scharf, Aaron. Pioneers of photography: an album of pictures and words. London, British Broadcasting Corp., 1975. 168 p. TR15.S34 1975
- Smiles, Samuel. Industrial biography: iron workers and tool makers. Newton Abbot (Devon), David & Charles, 1976, 1863. 342 p. TS39.S6 1967
- Spencer, Herbert. Pioneers of modern typography. London, Lund Humphries, 1969. 159 p. Z116.A3S6
- Who's who in computer education and research. Edited by T. C. Hsiao. Washington, Science and Technology Press, 1975. 312 p. QA76.27.W46
- Who's who in computing 1975/76. Edited by Roger Graham and Ronald Yearsley. London, Leviathan House, Ltd., 1975. 139 p. HF5548.2.W4634 1975/76*
- Who's who in steel and metals. New York, Atlas Pub. Co., Inc., 1964. 410 p. HD9513.W5*

ABSTRACTING AND INDEXING SERVICES that index relevant journal articles and other literature are

Applied Science & Technology Index (1913-) Z7913.I7*
Bibliography and Index of Geology (1933-) Z6031.G4*
Bibliography of Agriculture (1942-) Z5073.U572*
Biography Index (1946-) Z5301.B5
Biological Abstracts (1926-) QH540.B37*
British Technology Index (1962-) Z7913.B7*
Chemical Abstracts (1907-) QD1.A51*
Current Biography (1940-) CT100.C3
Current Work in the History of Medicine (1954-) R131.A1C8
Engineering Index (1884-) Z5851.E62*
New York Times Biographical Service (1969-) CT120.N45
New York Times Index (1913-) A121.N44
Physics Abstracts (1898-) Q1.S3*
Psychological Abstracts (1927-) BF1.P65*
Readers' Guide to Periodical Literature (1900-) AI3.R45

JOURNALS that often contain biographical articles on scientists are

Agricultural History Sl.A16
American Philosophical Society, Philadelphia. Proceedings.
Q11.P5
American Psychologist BF1.A55
American Scientist LF85.S502
British Journal of the History of Science Q125.B77
Bulletin of the History of Medicine R11.B93
History of Science; a Review of Literature and Research in the
History of Science, Medicine and Technology and Its
Intellectual and Social Context Q125.H63*
Industrial Archaeology T37.I5
Isis Q1.I7*
Journal of Chemical Education QD1.J93*
Journal of the History of Ideas Bl.J75
Journal of the History of Medicine R131.A1J6
Janus R131.A1J3
Osiris Q1.07
Science Q1.S35*
Scientific American T1.S5*
Scientific Monthly Q127.U687
Technology and Culture T1.T27*